(b) to (d) The energy and peak shortages in the country at the end of 2006-07 is estimated to be 8.1% and 11% respectively as compared to respective shortage of 8.4% and 12.3% during 2005-06. The power supply position would improve in the eleventh Plan due to anticipated capacity addition of about 17,115 MW during the year 2006-07,5,294 MW during 2007-08 and 8,520 MW during 2008-09 as well as increase in power trading, establishment of national grid for transfer of power from surplus to deficit regions and import of power from Tata Hydro Power Station (Bhutan).

Fuel used in power projects of NTPC

†1419. DR. MURLI MANOHAR JOSHI:
SHRI RAJ MOHINDER SINGH MAJITHA:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that many power generating projects under national Thermal Power Corporation are using gas as fuel;

(b) if so, the number of these projects and the estimated quantity of gas required in these projects;

(c) whether it Is also a fact that these projects are not getting gas in requisite quantity; and

(d) if not, the facts thereof and the quantum of gas being received and from which sources?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE):

(a)Yes, Sir.

(b) National Thermal Power Corporation (NTPC) Limited has six combined Cycle Gas based Power Plants (CCGPs) namely, Anta GPP, Auraiya GPP, Faridabad GPP, Dadri GPP, Kawas GPP and Jhanor-Gandhar GPP, using gas as fuel. The total quantity of gas required for these gas plants, based on 90% PLF is 17.35 Metric Million Standard Cubic Metres per Day (MMSCMD).

(c) Yes, Sir.

(d) NTPC Ltd. Has been given a gas linkage (under Administered Pricing Mechanism (APM) for 13.74 MMSCMD and out of this, contracted quantity with Gas Authority of India Limited (GAIL) is 12.93 MMSCMD. However against this, actual gas supplies to NTPC's gas projects is as under:

Period	2005-06	April 06, to July 06
Gas supply in MMSCMD	9.61	10.24

† Original notice Of the question was received in Hindi.

To partly mitigate shortage of gas supplies to its gas power projects, NTPC Ltd. Made additional gas tie ups (Panna-Mukta Tapti (PMT) Gas and Regasified Liquefied Natural Gas (RLNG) from GAIL, gas from Gujarat State Petroleum Corporation (GSPC) and RLNN from Indian Oil Corporation Limited (IOCL) and Bharat Petroleum Corporation Limited (BPCL). Out of these additional gas tie-ups of 4.2 MMSCMD, the additional quantity of gas received during 2005-06 is 1.3 MMSCMD and during April 06 to July 06 is 0.74 MMSCMD.

Further, NTPC Ltd. Recently entered into short duration contracts for procurement of spot RLNG from GAIL, BPCL, IOCL& Hazira LNG Pvt. Ltd. The current tied up quantity of spot RLNG on different suppliers is given below:—

Supplier	Quantity (MMSCM) (approx.)
Gail	100
IOCL	18
BPCL	25
Hazira LNG	280

Against these short term tie-ups from June 06 onwards, NTPC has received 2.90 MMSCMD during June 06 and 3.33 MMSCMD during July 06.

Hydro Power Generation

†1420. SHRI RAJ MOHINDER SINGH MAJITHA:

SHRI RAVI SHANKAR PRASAD:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that there is a potential of 84,044 megawatt of power generation in the hydro electric power sector of the country;

(b) if so, the facts in this regard;

(c) the capacity of the additional power generation that is estimated to be installed in this sector during the Tenth Five year Plan; and

(d) the capacity of the power generation which is estimated to be left in the hydel sector after the Tenth Five Year Plan?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE), (a) and (b) Yes, Sir. As per re-assessment studies conducted by Central Electricity Authority (CEA), the hydro electric potential of the country has

† Original notice of the question was received in Hindi.